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ABSTRACT

Based on extensive research, this guide offers library media specialists and teachers solutions and practical applications of educational technology within subject disciplines to help improve the achievement of at-risk students. Included are lesson plans, successful case studies, and project ideas for replication in language arts, science, and social studies. Provided are the results of her research in integrating technology and information literacy into the curriculum and the effects of these efforts on the achievement of at-risk students. Exceptional educational technology programs show how to weave multimedia software, CD-ROM technology, videodiscs, and Internet resources into the curriculum to enhance learning and increase student productivity. Five high school and middle school library media specialists provide detailed educational technology programs for replication that have been successful with at-risk students. Examined are anachronistic schools, the resistance to classroom integration of educational technology, disparities in instruction, equity, and access, and the need for teacher training in integrating educational technology into the curriculum. The library media specialist is challenged to acknowledge, reflect, and act on the research and create teacher partnerships to integrate educational technology in an inquiry-based learning environment that will motivate at-risk students. Contains extensive lists of Internet addresses and other technology resources and a bibliography of further reading. (AEF)

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